

PATENT

Docket No. 81880.0087  
(Former Docket No. 247PD-5385)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroyuki KINOSHITA et al.

Serial No: 08/808,315

Filed: February 28, 1997

For: SAPPHIRE SINGLE CRYSTAL,  
SEMICONDUCTOR LASER DIODE  
USING THE SAME FOR  
SUBSTRATE, AND METHOD FOR  
MANUFACTURING THE SAME (As  
Amended)

Art Unit: 2881

Examiner: J. Menefee

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Lawrence J. McClure

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AMENDMENT UNDER 37 C.F.R. § 1.116Box Non-Fee Amendment  
Commissioner for Patents  
Washington, D.C. 20231

FAX COPY

OCT 09 2001

TECHNOLOGY CENTER 2800

Dear Sir:

In response to the Final Office Action dated April 24, 2001, please amend  
the above-referenced application as follows:IN THE CLAIMS

Please replace the text of claims 17 and 20 with the following text:

21  
17. (Twice Amended) A tool comprising a sapphire monocrystal body  
having at least two faces defining a sharp edge, one face formed by a working  
plane and a second face formed by a cleavage plane parallel to a plane R of the  
sapphire monocrystal, the angle between the working plane and the cleavage  
plane being less than about 70 degrees.

81880.0087

FORM PTO-1083

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LASER DIODE USING THE SAME FOR SUBSTRATE,  
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(As Amended)

Art Unit: 2881

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Lawrence J. McClure

Name

Signature

August 24, 2001

Date

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status has been claimed. See 37 CFR § 1.27.  
☐ A certified copy of \_\_\_ Patent Application No. \_\_\_ filed \_\_\_ from which priority is claimed under 35 U.S.C. § 119 is enclosed.  
☐ A Notice Of Change Of Attorney's Address and Associate Power Of Attorney is enclosed.  
☒ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA*	LG/SM \$ ENTITY FEE	ADD'L FEE DUE
TOTAL CLAIMS FEE	3	-	20	0	LG=\$18 SM=\$9	\$0
INDEPENDENT CLAIMS FEE	2	-	3	0	LG=\$80 SM=\$40	\$0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$270 SMALL ENTITY FEE = \$135	\$0
TOTAL						\$0

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \$\_\_\_ to cover the additional claims fee is enclosed. A copy of this sheet is enclosed.  
☒ A check in the amount of \$110 to cover the extension fee is enclosed. A copy of this sheet is enclosed.  
☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.  
☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims  
☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.

By:

Lawrence J. McClure  
Registration No. 44,228  
Attorney for Applicant(s)

Date: August 24, 2001

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PATENT 81880.0087

COMMISSIONER FOR PATENTS  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroyuki KINOSHITA et al.

Serial No: 08/808,315

Filed: February 28, 1997

For: SAPPHIRE SINGLE CRYSTAL, SEMICONDUCTOR  
LASER DIODE USING THE SAME FOR SUBSTRATE,  
AND METHOD FOR MANUFACTURING THE SAME  
(As Amended)

Art Unit: 2881

Examiner: J. Menefee

CERTIFICATE OF FACSIMILE TRANSMISSION

Attention: James Menefee

Commissioner for Patents  
Washington, D.C. 20231

FAX: 703-308-7722, TEL: 703-605-4367

Dear Sirs:

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I hereby certify that copies of the following documents filed August 24, 2001:

- ☒ Postcard that was received in the PTO on August 28, 2001
- ☒ Amendment Under 37 C.F.R. § 1.116
- ☒ Amendment Transmittal Letter
- ☒ Request for Extension of Time, one months
- ☒ Check No. 12619 for \$ 110

are being facsimiled to Commissioner for Patents, Washington, D.C. 20231, for  
filing in the above application.

October 9, 2001

Date of Deposit

Diane Zynn

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Signature

S.N. 08/808,315 File No. 81880.0087 Date Mailed 08/24/01 By: LJM/DSZ

Title: SAPPHIRE SINGLE CRYSTAL, SEMICONDUCTOR  
LASER DIODE USING THE SAME FOR SUBSTRATE, AND  
METHOD FOR MANUFACTURING THE SAME (As Amended)

(Client Name) Kyocera

The Following, due 08/24/01 in the U.S. Patent & Trademark Office  
was received in the Patent & Trademark Office on the date stamped hereon:

☒ Amendment Under 37 C.F.R. § 1.116

☒ Amendment Transmittal Letter

☒ Request for Extension of Time, one months

☒ Check No. \_\_\_\_\_ for \$ 110

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LOS ANGELES, CA 90071

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**IMPORTANT NOTICE**  
**TELECOPY/FACSIMILE COVER LETTER**

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TO: U.S. Patent and Trademark Office  
James Menefee  
Art Unit 2881

DATE: 10/09/01

FROM: Lawrence J. McClure

TIME: \_\_\_\_\_

TOTAL NO. OF PAGES, INCLUDING COVER: 12

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**MESSAGE:**

U.S. Patent Application Serial No.: 08/808,315  
Our Ref. 81880.0087

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TELECOPY/FAX NUMBER: 703-308-7722

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ATTORNEY BILLING NUMBER: 1966

CONFIRMATION NUMBER: 703-605-4367